

I claim:

1. A socket system, comprising:

a socket having a socket opening extending into said socket from a first end, a second
5 opening extending from said socket opening through said socket to a second end
thereof, a first multiplicity of ridges located around a surface of said socket,
and an extension collar having a first end and a second end, a second multiplicity of
ridges located on said first end, said second multiplicity of ridges sized and configured to mate
with said first multiplicity of ridges on said socket, an opening extending through said extension
10 collar, said extension collar having a length greater than a length of said socket.

2. The socket system of claim 1, wherein said first multiplicity of ridges is located on an outside
surface of said socket and said second multiplicity of ridges is located on an inside surface of
said extension collar.

15 3. The socket system of claim 1, further comprising a third multiplicity of ridges located around
a surface of said extension collar, and a fourth multiplicity of ridges located around a surface of
a driver, said fourth multiplicity of ridges sized and configured to mate with said third
multiplicity of ridges.

20 4. The socket system of claim 3, wherein said third multiplicity of ridges is located on an
outside surface of said socket and said fourth multiplicity of ridges is located on an inside
surface of said driver.

25 5. The socket system of claim 3, wherein said driver is chosen from the group of drivers
consisting of: electric drive wrench, pneumatic drive wrench, manual wrench and ratchet
wrench.

30 6. The socket system of claim 1, further comprising a drive adaptor having a first end, a second
end, a first opening extending into said drive adaptor from said first end, said first opening
aligning with said opening through said extension collar, when said drive adaptor and said

extension collar are connected, a drive opening extending into said drive adaptor from said second end.

7. The socket system of claim 1, further comprising connector means for detachably attaching

5 said socket and said extension.

8. The socket system of claim 7, wherein the connector means is chosen from the group of connectors consisting of: spring-biased pin, keyway, interlocking ridges and locking rings.

10 9. The socket system of claim 1, wherein said opening in said extension collar is larger in diameter than said socket opening.

10. The socket system of claim 1, wherein said extension collar is at least two inches in length.

15 11. The socket system of claim 1, wherein said extension collar is at least three inches in length.

12. The socket system of claim 1, wherein said first and second multiplicities of ridges each contain between twenty and forty ridges.

20 13. The socket system of claim 1, wherein said first and second multiplicities of ridges each contain 32 ridges.

14. The socket system of claim 1, wherein said second multiplicity of ridges has a ridge length, said ridge length being less than half said length of said extension collar.

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15. A tool kit, comprising:

a plurality of tool attachments, each attachment having a first multiplicity of ridges located around a surface thereof,

and an extension collar having a first end and a second end, a second multiplicity of

30 ridges located on said first end, said second multiplicity of ridges sized and configured to mate with said first multiplicity of ridges on each of said tool attachments, an opening extending

through said extension collar, said extension collar having a length greater than a length of said tool attachment.

16. The tool kit of claim 15, wherein said plurality of tool attachments includes a socket, a

5 threaded rod and a chuck.

17. The tool kit of claim 15, wherein said plurality of tool attachments includes at least one socket, said socket having a socket opening extending into said socket from a first end, a second opening extending from said socket opening through said socket to a second end thereof, said
10 first multiplicity of ridges located around a surface of said socket.

18. A socket system, comprising:

a socket having a socket opening extending into said socket from a first end, a second opening extending from said socket opening through said socket to a second end thereof, a first multiplicity of ridges located around a surface of said socket,
15 an extension collar having a first end and a second end, a second multiplicity of ridges located on said first end, said second multiplicity of ridges sized and configured to mate with said first multiplicity of ridges on said socket, an opening extending through said extension collar, said extension collar having a length greater than a length of said
20 socket, a third multiplicity of ridges located around a surface of said extension collar, and a driver having a fourth multiplicity of ridges located around a surface of said driver.

19. The socket system of claim 18, wherein said driver is chosen from the group of drivers

consisting of: electric drive wrench, pneumatic drive wrench, manual wrench and ratchet

25 wrench.

20. The socket system of claim 18, wherein said second multiplicity of ridges has a length less than half said length of said extension collar, and said third multiplicity of ridges has a length less than half said length of said extension collar.